

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
 Data File : BM031973.D
 Acq On : 31 Aug 2021 05:39
 Operator : CG/JU
 Sample : M3448-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBKD4

Quant Time: Aug 31 06:11:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 09:21:30 2021
 Response via : Initial Calibration

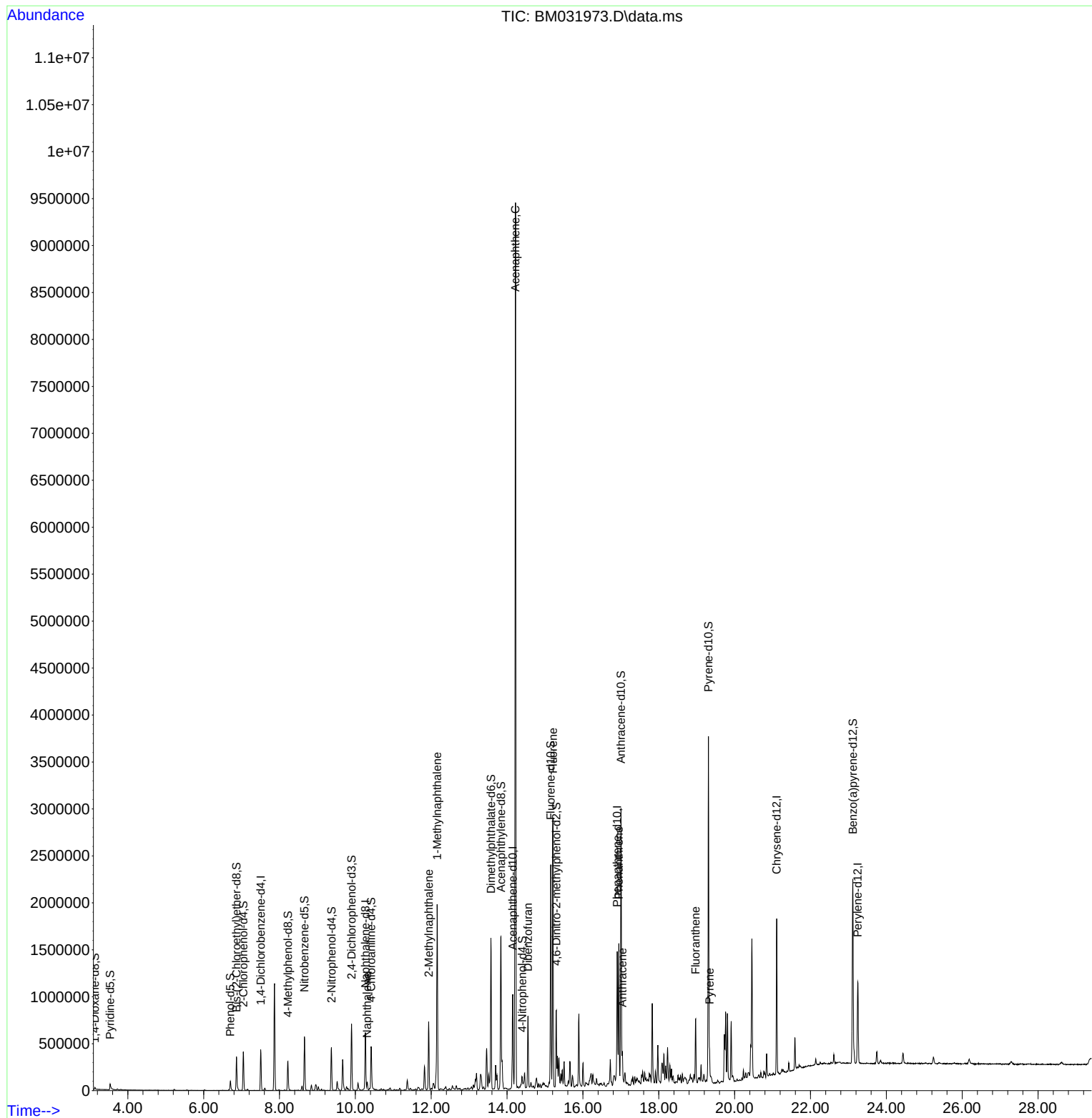
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.504	152	112204	20.000	ng/ul	0.00
20) Naphthalene-d8	10.263	136	475576	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.151	164	346962	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.903	188	764778	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.109	240	715296	20.000	ng/ul	0.00
88) Perylene-d12	23.244	264	580639	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	11063	4.549	ng/uL	0.00
4) Pyridine-d5	3.534	84	43617	6.316	ng/ul	0.01
7) Phenol-d5	6.704	99	52921	5.688	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	156733	29.114	ng/ul	0.00
11) 2-Chlorophenol-d4	7.045	132	175963	24.576	ng/ul	0.00
15) 4-Methylphenol-d8	8.222	113	113146	14.174	ng/ul	0.00
21) Nitrobenzene-d5	8.657	128	115372	33.400	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	130276	31.868	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.898	165	246869	30.099	ng/ul	0.00
31) 4-Chloroaniline-d4	10.416	131	236694	20.458	ng/ul	0.00
46) Dimethylphthalate-d6	13.574	166	1021566	38.911	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	1140962	36.696	ng/ul	0.00
54) 4-Nitrophenol-d4	14.398	143	28278	5.951	ng/ul	0.01
60) Fluorene-d10	15.151	176	898338	38.926	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	163270	31.070	ng/ul	0.00
73) Anthracene-d10	17.003	188	1543825	42.529	ng/ul	0.00
81) Pyrene-d10	19.309	212	1746603	52.132	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.115	264	1326600	43.472	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.310	128	53988	2.268	ng/ul	98
36) 2-Methylnaphthalene	11.933	142	317776	16.928	ng/ul	97
37) 1-Methylnaphthalene	12.157	142	861404	45.053	ng/ul	99
52) Acenaphthene	14.221	153	3705472	178.336	ng/ul	98
56) Dibenzofuran	14.551	168	424256	13.845	ng/ul	100
61) Fluorene	15.209	166	1219055	47.018	ng/ul	97
72) Phenanthrene	16.945	178	808062	19.346	ng/ul	99
74) Anthracene	17.039	178	212152	4.963	ng/ul	98
80) Fluoranthene	18.974	202	376574	9.250	ng/ul#	94
82) Pyrene	19.339	202	205395	4.765	ng/ul#	94

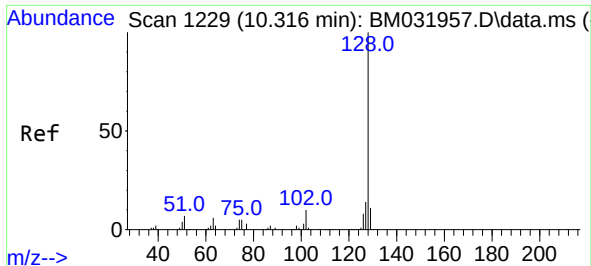
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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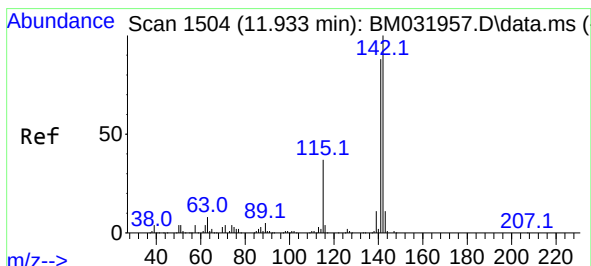
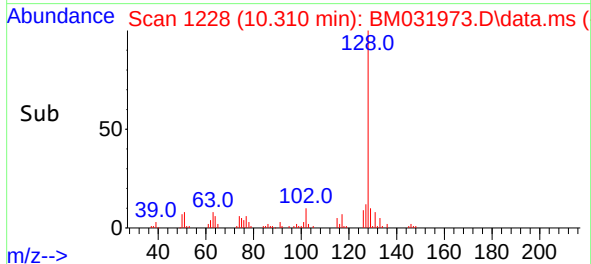
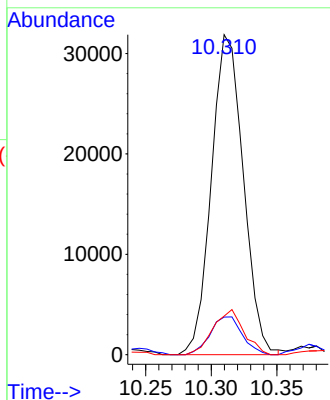
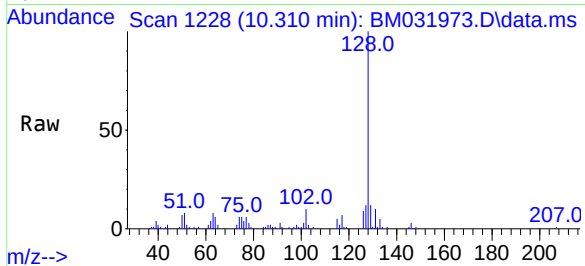




#30
Naphthalene
Concen: 2.268 ng/ul
RT: 10.310 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BM031973.D
Acq: 31 Aug 2021 05:39

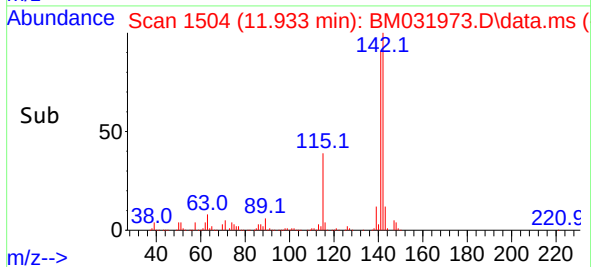
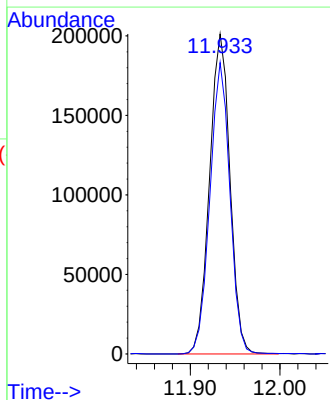
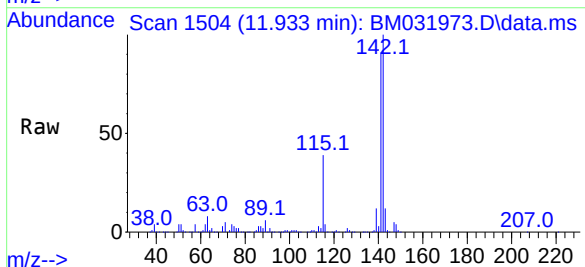
Instrument :
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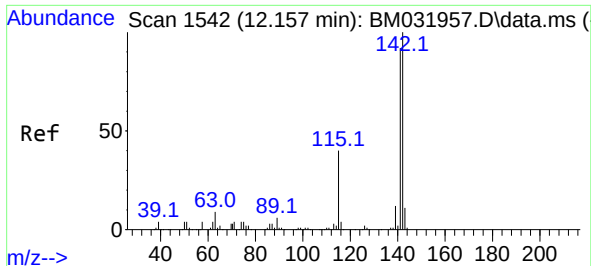
Tgt Ion:	128	Resp:	53988
Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.4
127	12.1	10.6	15.8



#36
2-Methylnaphthalene
Concen: 16.928 ng/ul
RT: 11.933 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BM031973.D
Acq: 31 Aug 2021 05:39

Tgt Ion:	142	Resp:	317776
Ion	Ratio	Lower	Upper
142	100		
141	91.0	70.6	105.8





#37

1-Methylnaphthalene

Concen: 45.053 ng/u1

RT: 12.157 min Scan# 1542

Delta R.T. -0.006 min

Lab File: BM031973.D

Acq: 31 Aug 2021 05:39

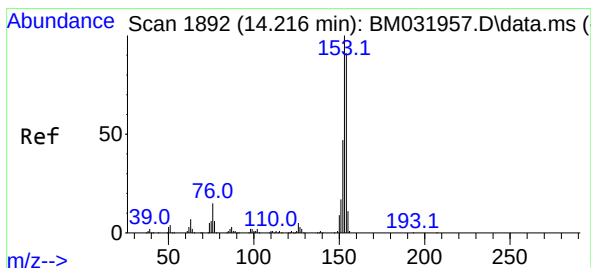
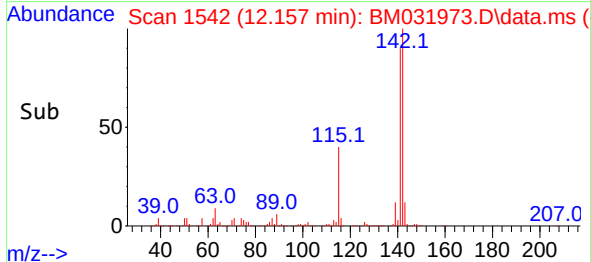
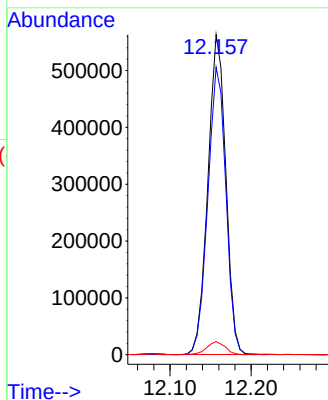
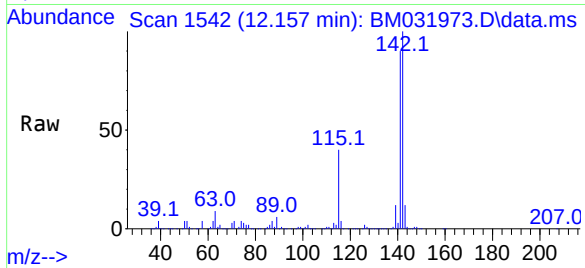
Tgt Ion:	142	Resp:	861404
Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.8	109.2
116	4.1	3.1	4.7

Instrument :

BNA_M

ClientSampleId :

DBKD4



#52

Acenaphthene

Concen: 178.336 ng/u1

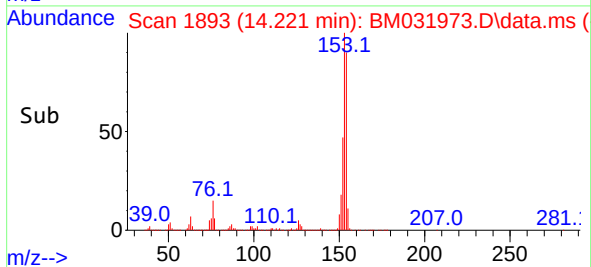
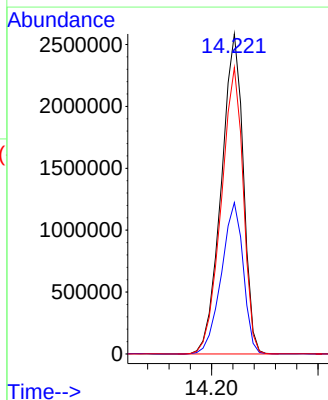
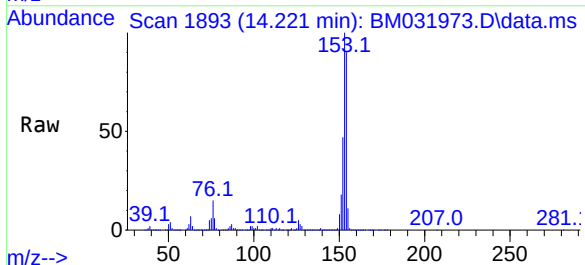
RT: 14.221 min Scan# 1893

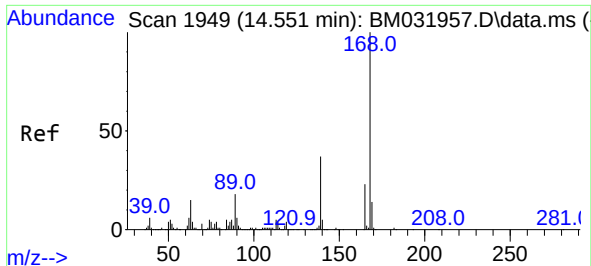
Delta R.T. 0.006 min

Lab File: BM031973.D

Acq: 31 Aug 2021 05:39

Tgt Ion:	153	Resp:	3705472
Ion	Ratio	Lower	Upper
153	100		
152	47.3	37.4	56.2
154	89.5	69.4	104.0

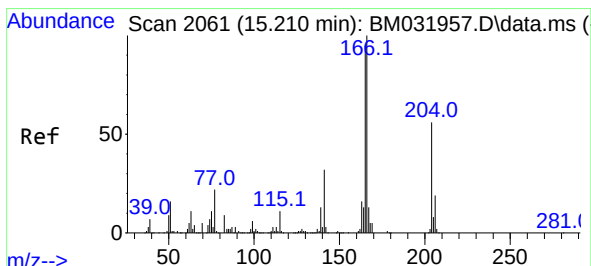
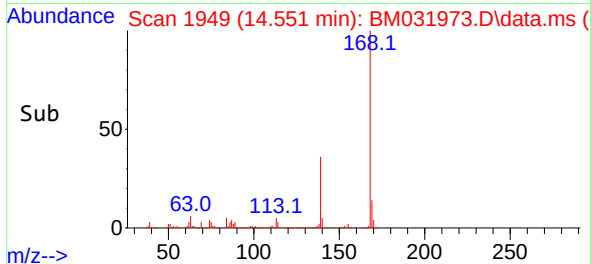
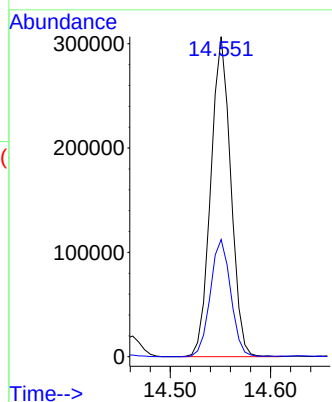
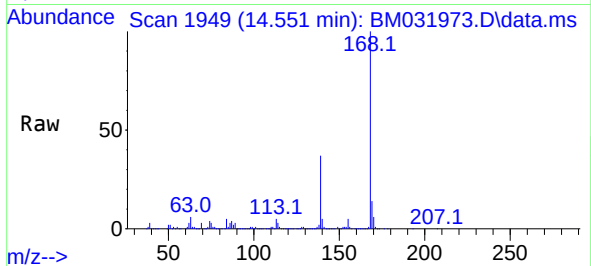




#56
Dibenzenofuran
Concen: 13.845 ng/ul
RT: 14.551 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM031973.D
Acq: 31 Aug 2021 05:39

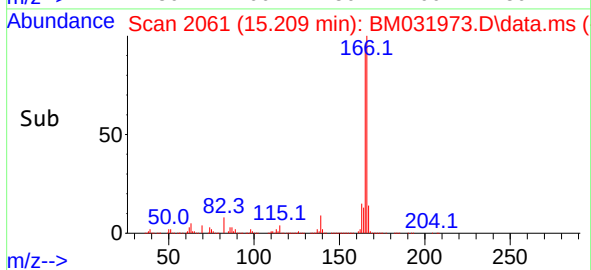
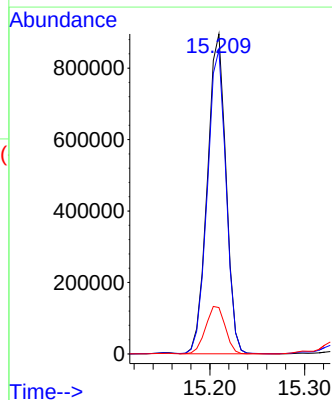
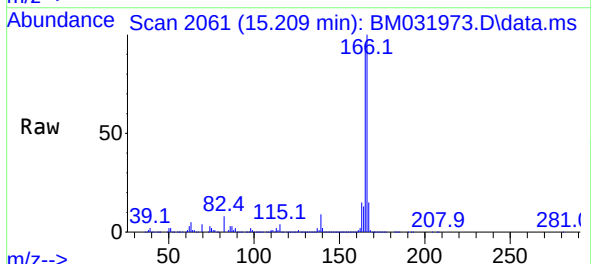
Instrument :
BNA_M
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DBKD4

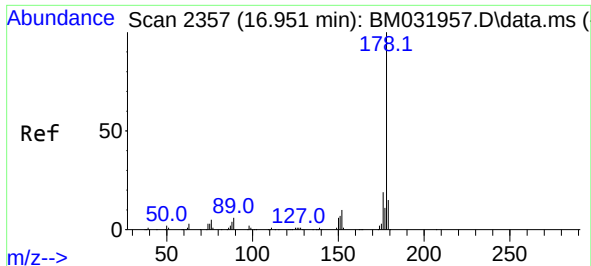
Tgt Ion:168 Resp: 424256
Ion Ratio Lower Upper
168 100
139 36.6 29.5 44.3



#61
Fluorene
Concen: 47.018 ng/ul
RT: 15.209 min Scan# 2061
Delta R.T. -0.000 min
Lab File: BM031973.D
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Tgt Ion:166 Resp: 1219055
Ion Ratio Lower Upper
166 100
165 95.1 78.4 117.6
167 14.5 10.6 15.8

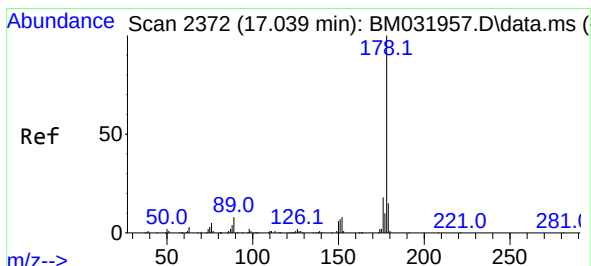
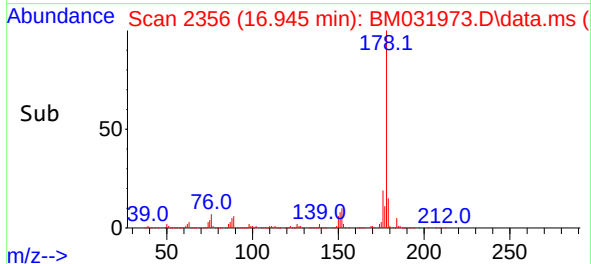
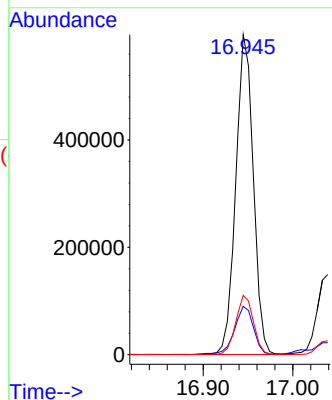
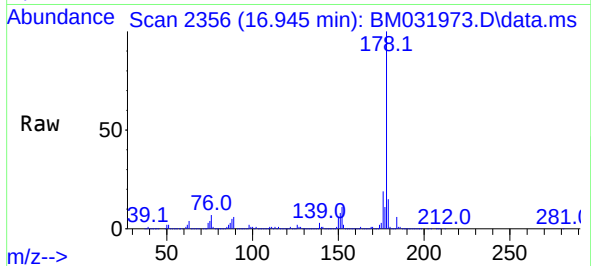




#72
Phenanthrene
Concen: 19.346 ng/u1
RT: 16.945 min Scan# 2356
Delta R.T. -0.006 min
Lab File: BM031973.D
Acq: 31 Aug 2021 05:39

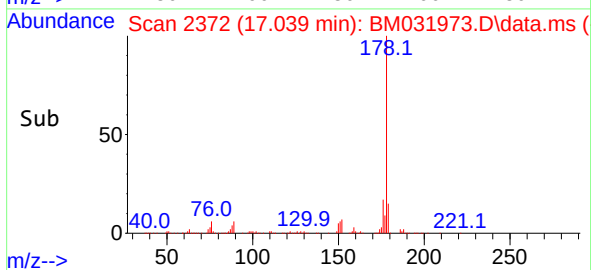
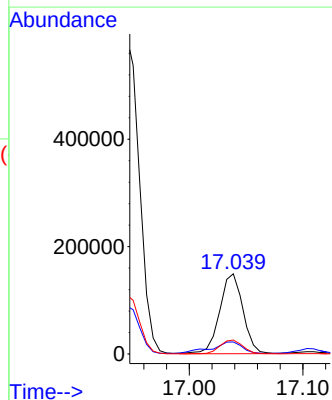
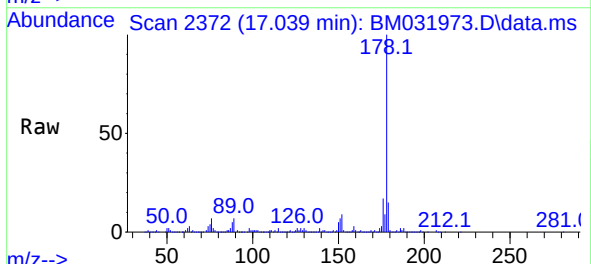
Instrument :
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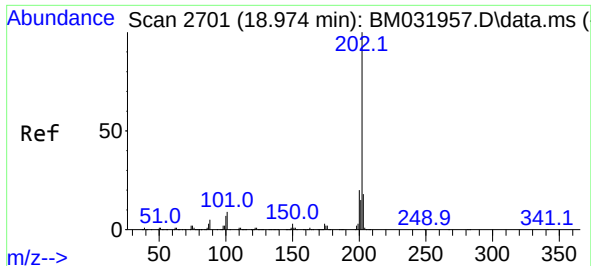
Tgt Ion:178 Resp: 808062
Ion Ratio Lower Upper
178 100
179 15.1 12.1 18.1
176 18.6 15.2 22.8



#74
Anthracene
Concen: 4.963 ng/u1
RT: 17.039 min Scan# 2372
Delta R.T. -0.000 min
Lab File: BM031973.D
Acq: 31 Aug 2021 05:39

Tgt Ion:178 Resp: 212152
Ion Ratio Lower Upper
178 100
179 15.0 12.1 18.1
176 17.4 15.2 22.8

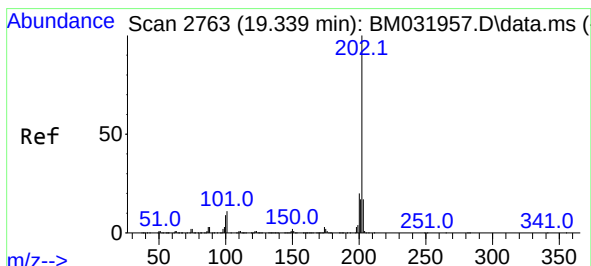
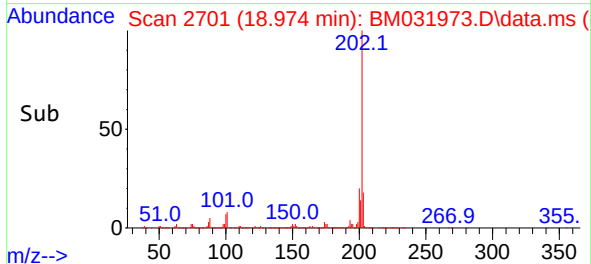
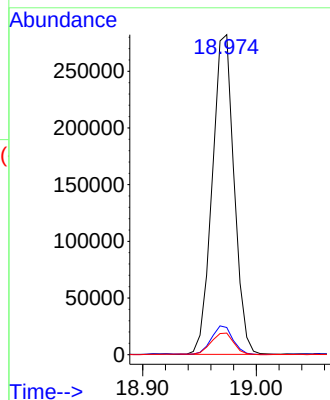
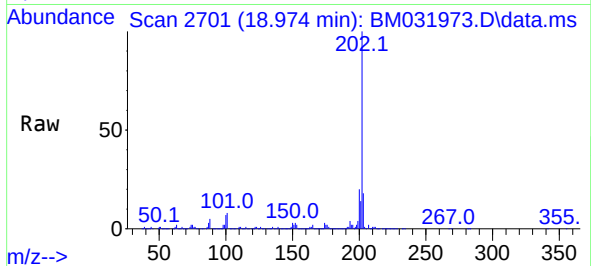




#80
Fluoranthene
Concen: 9.250 ng/ul
RT: 18.974 min Scan# 2701
Delta R.T. -0.000 min
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Instrument :
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Tgt Ion:202 Resp: 376574
Ion Ratio Lower Upper
202 100
101 8.5 8.8 13.2#
100 6.8 6.8 10.2#



#82
Pyrene
Concen: 4.765 ng/ul
RT: 19.339 min Scan# 2763
Delta R.T. -0.000 min
Lab File: BM031973.D
Acq: 31 Aug 2021 05:39

Tgt Ion:202 Resp: 205395
Ion Ratio Lower Upper
202 100
101 10.2 10.0 15.0
100 8.0 8.5 12.7#

